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WORK ORDER NUMBER: 14-11-2194

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Malibu Unites

Client Project Name: JC Office

Attention: Jennifer deNicola
22741 Pacific Coast Hwy, Suite 401
Malibu, CA 90265-5876

Approved for release on 12/05/2014 by:
Don Burley
Project Manager

ResultLink

Email your PM

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Contents

Client Project Name: JC Office
Work Order Number: 14-11-2194

1 Work Order Narrative. 3

2 Sample Summary. 4

3 Detections Summary. 5

4 Client Sample Data. 6
4.1 EPA 8082 PCB Aroclors (Solid). 6

5 Quality Control Sample Data. 7
5.1 LCS/LCSD. 7

6 Sample Analysis Summary. 8

7 Glossary of Terms and Qualifiers. 9

8 Chain-of-Custody/Sample Receipt Form. 10

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Work Order Narrative

Work Order: 14-11-2194 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 11/28/14. They were assigned to Work Order 14-11-2194.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Return to Contents

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Sample Summary

Client:	Malibu Unites	Work Order:	14-11-2194
	22741 Pacific Coast Hwy, Suite 401	Project Name:	JC Office
	Malibu, CA 90265-5876	PO Number:	
		Date/Time Received:	11/28/14 09:20
		Number of Containers:	1
Attn:	Jennifer deNicola		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
JC Office	14-11-2194-1	11/20/14 16:00	1	Solid

Return to Contents

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Detections Summary

Client:	Malibu Unites	Work Order:	14-11-2194
	22741 Pacific Coast Hwy, Suite 401	Project Name:	JC Office
	Malibu, CA 90265-5876	Received:	11/28/14
Attn:	Jennifer deNicola		

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
JC Office (14-11-2194-1)						
Aroclor-1254	710		260	mg/kg	EPA 8082	EPA 3550B

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

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Analytical Report

Malibu Unites
22741 Pacific Coast Hwy, Suite 401
Malibu, CA 90265-5876

Project: JC Office

Date Received: 11/28/14
Work Order: 14-11-2194
Preparation: EPA 3550B
Method: EPA 8082
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
JC Office	**14-11-2194-1-A**	**11/20/14 16:00**	**Solid**	**GC 31**	**12/02/14**	**12/05/14 13:40**	**141202L06**

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	260	100	
Aroclor-1221	ND	260	100	
Aroclor-1232	ND	260	100	
Aroclor-1242	ND	260	100	
Aroclor-1248	ND	260	100	
Aroclor-1254	710	260	100	
Aroclor-1260	ND	260	100	
Aroclor-1262	ND	260	100	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	120	24-168	
2,4,5,6-Tetrachloro-m-Xylene	89	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-2968**	**N/A**	**Solid**	**GC 58**	**12/02/14**	**12/05/14 10:53**	**141202L06**

Parameter	Result	RL	DF	Qualifiers
Aroclor-1016	ND	0.050	1.00	
Aroclor-1221	ND	0.050	1.00	
Aroclor-1232	ND	0.050	1.00	
Aroclor-1242	ND	0.050	1.00	
Aroclor-1248	ND	0.050	1.00	
Aroclor-1254	ND	0.050	1.00	
Aroclor-1260	ND	0.050	1.00	
Aroclor-1262	ND	0.050	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	87	24-168	
2,4,5,6-Tetrachloro-m-Xylene	84	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - LCS/LCSD

Malibu Unites
22741 Pacific Coast Hwy, Suite 401
Malibu, CA 90265-5876

Project: JC Office

Date Received: 11/28/14
Work Order: 14-11-2194
Preparation: EPA 3550B
Method: EPA 8082

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-535-2968	**LCS**	**Solid**	**GC 58**	**12/02/14**	**12/05/14 10:17**	**141202L06**
099-12-535-2968	**LCSD**	**Solid**	**GC 58**	**12/02/14**	**12/05/14 10:35**	**141202L06**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	0.1000	0.09831	98	0.09121	91	50-135	7	0-20	
Aroclor-1260	0.1000	0.1011	101	0.09159	92	50-135	10	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 14-11-2194 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8082	EPA 3550B	669	GC 31	1

Return to Contents

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Glossary of Terms and Qualifiers

Work Order: 14-11-2194 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Return to Contents

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

DATE: 11/24/14
PAGE: ___ OF ___

WO NO. / LAB USE ONLY
14-11-2194

LABORATORY CLIENT: Malibu Unites
ADDRESS: 22741 PCH #401
CITY: Malibu STATE: CA ZIP: 90265
TEL: 310.436.6000 E-MAIL: Jen@malibuunites.com

CLIENT PROJECT NAME / NO.: ~~MU201~~ > Office
PROJECT CONTACT: JEN DENICOLA
GLOBAL ID:
LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
	~~LAB PUT OF BOX WRONG~~																		✓							
1	JC Office	11/20/14	4PM																✓							

Relinquished by: (Signature)
Relinquished by: (Signature)
Relinquished by: (Signature) (Fedex)

Received by: (Signature/Affiliation)
Received by: (Signature/Affiliation)
Received by: (Signature/Affiliation) EC

Date: / Time:
Date: / Time:
Date: 11/28/14 Time: 0920

2014-07-01 Revision

Return to Contents

From: (310) 848-5400
Jennifer deNicola

22741 Pacific Coast Hwy. Suite

Malibu, CA 90265

Origin ID: CIBA

FedEx Express

J142214092303uv

Ship Date: 25NOV14
ActWgt: 1.0 LB
CAD: 107061989/INET3550

2194

Delivery Address Bar Code

SHIP TO: (714) 895-5494

BILL SENDER

Don Burley
Eurofins
7440 Lincoln Way

GARDEN GROVE, CA 92841

Ref # Test JC
Invoice #
PO #
Dept #

RELEASE#: 3785346

FRI - 28 NOV 10:30A
MORNING 2DAY

TRK# 0201 7719 9433 8664

92841
CA-US
SNA

SH APVA

522G1/5160/8AC9

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Return to Contents

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WORK ORDER #: 14-11-2194

SAMPLE RECEIPT FORM

Envelope ~~Cooler~~ 1 of 1

SM 11/28/14

CLIENT: Malibu Unites

DATE: 11/28/14

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 21.9 °C - 0.2 °C (CF) = 21.7 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 836

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 836

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 300

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☑ Not relinquished. ☑ No date/time relinquished.			
Sampler's name indicated on COC	☐	☑	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☐	☑	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z

Aqueous: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 300

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 836

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: 300

Return to Contents